



Product Evaluation

DR784 | 1016

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-784

Effective Date: October 1, 2016

Re-evaluation Date: July 2020

Product Name: 8'-0" Opaque Fiberglass Therma-Tru Entry Doors, Inswing and Outswing, Singles with and without Sidelites, Non-impact Resistant

Manufacturer: Therma-Tru Corporation
118 Industrial Drive
Edgerton, OH 43517
(419) 298-1740

General Description:

System	Description	Lock Hardware	Label Rating PSF	Drawing Number
1	3'-6" x 8'-0" Opaque Fiberglass Single Door, Inswing/Outswing; (X)	Multipoint	Inswing +65/-75 Outswing +65/-65	TX-4600
2	3'-6" x 8'-0" Opaque Fiberglass Single Door, Inswing/Outswing; (X)	Kwikset	Inswing +60/-70 Outswing +60/-60	TX-4600
3	3'-6" x 8'-0" Opaque Fiberglass Single Door, Inswing/Outswing; (X)	Schlage	Inswing +60/-70 Outswing +60/-60	TX-4600
4	3'-6" x 8'-0" Opaque Fiberglass Single Door w/ Boxed Sidelite, Inswing/Outswing; (OX/XO)	Multipoint	Inswing +55/-60 Outswing +55/-55	TX-4601
5	3'-6" x 8'-0" Opaque Fiberglass Single Door w/ Boxed Sidelite, Inswing/Outswing; (OX/XO)	Kwikset	Inswing +35/-35 Outswing +35/-35	TX-4601

General Description (continued):

System	Description	Lock Hardware	Label Rating PSF	Drawing Number
6	3'-6" x 8'-0" Opaque Fiberglass Single Door w/ Boxed Sidelite, Inswing/Outswing; (OX/XO)	Schlage	Inswing +35/-45 Outswing +30/-30	TX-4601
7	3'-6" x 8'-0" Opaque Fiberglass Single Door w/ Boxed Sidelites, Inswing/Outswing; (OXO)	Multipoint	Inswing +55/-60 Outswing +55/-55	TX-4601
8	3'-6" x 8'-0" Opaque Fiberglass Single Door w/ Boxed Sidelites, Inswing/Outswing; (OXO)	Kwikset	Inswing +35/-35 Outswing +35/-35	TX-4601
9	3'-6" x 8'-0" Opaque Fiberglass Single Door w/ Boxed Sidelites, Inswing/Outswing; (OXO)	Schlage	Inswing +35/-45 Outswing +30/-30	TX-4601

Component Dimensions:

System	Overall Size		Book Door	Hybrid Door	U1 Door
	Inswing	Outswing			
1,2,3	43-3/4" x 98-1/8"	43-3/4" x 97-1/8"	41.94" x 95-1/4"	41-3/4" x 95-1/4"	41-3/4" x 95.06"
4,5,6	59-1/4" x 98-1/8"	59-1/4" x 97-1/8"	41.94" x 95-1/4"	41-3/4" x 95-1/4"	41-3/4" x 95.06"
7,8,9	74-3/4" x 98-1/8"	74-3/4" x 97-1/8"	41.94" x 95-1/4"	41-3/4" x 95-1/4"	41-3/4" x 95.06"

Components and Hardware:

System	Component	Quantity	Attachment Method
1, 4,7	4" Butt Hinges	4	Hardware must be installed in accordance with Therma-Tru Corporation drawings TX-4600 & TX-4601, dated 2/10/16, signed & sealed by Lyndon F. Schmidt, P.E. on 3-2-16.
	Hoppe (Therma-Tru) Multipoint lock (MPDGART)	1 each	
2,5,8	4" Butt Hinges	4	Hardware must be installed in accordance with Therma-Tru Corporation drawings TX-4600 & TX-4601, dated 2/10/16, signed & sealed by Lyndon F. Schmidt, P.E. on 3-2-16.
	Kwikset Signature Series Knob & Deadbolt (980)	1 each	
3,6,9	4" Butt Hinges	4	Hardware must be installed in accordance with Therma-Tru Corporation drawings TX-4600 & TX-4601, dated 2/10/16, signed & sealed by Lyndon F. Schmidt, P.E. on 3-2-16.
	Schlage Knob (F51) & Deadbolt (B60N)	1 each	

Product Identification (Manufacturer Label on Door):

System		
1,2,3,	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-6" x 8'-0" Opaque Fiberglass Single Door, Inswing/Outswing
	Drawing	TX-4600
	Test Standards	ASTM E 330-02
4,5,6 7,8,9	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name or Code Name	Therma-Tru Corporation
	Product Name	3'-6" x 8'-0" Opaque Fiberglass Single Door, w/ Sidelite(s) Inswing/Outswing
	Drawing	TX-4601
	Test Standards	ASTM E 330-02

Impact Resistance:

System	Impact Resistant	Requirement
1 to 9	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to, or smaller than those specified are acceptable with the limitations specified in this report.

Sidelites: Sidelites must only be used with door. Sidelites must not be installed individually.

Installation:

System		
1 to 9	Type of Installation	Doors and anchors must be installed in accordance with Therma-Tru Corporation drawings TX-4600 & TX-4601, dated 2/10/2016, signed & sealed by Lyndon F. Schmidt, P.E. on 3-2-16.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.